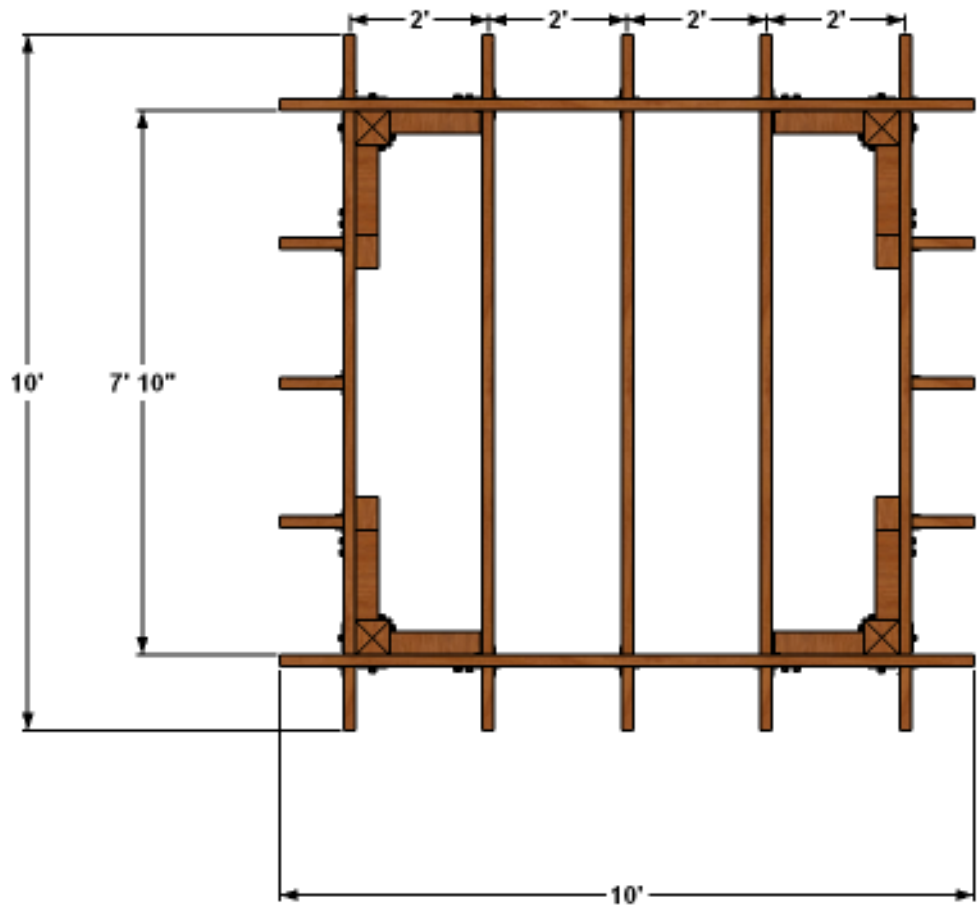
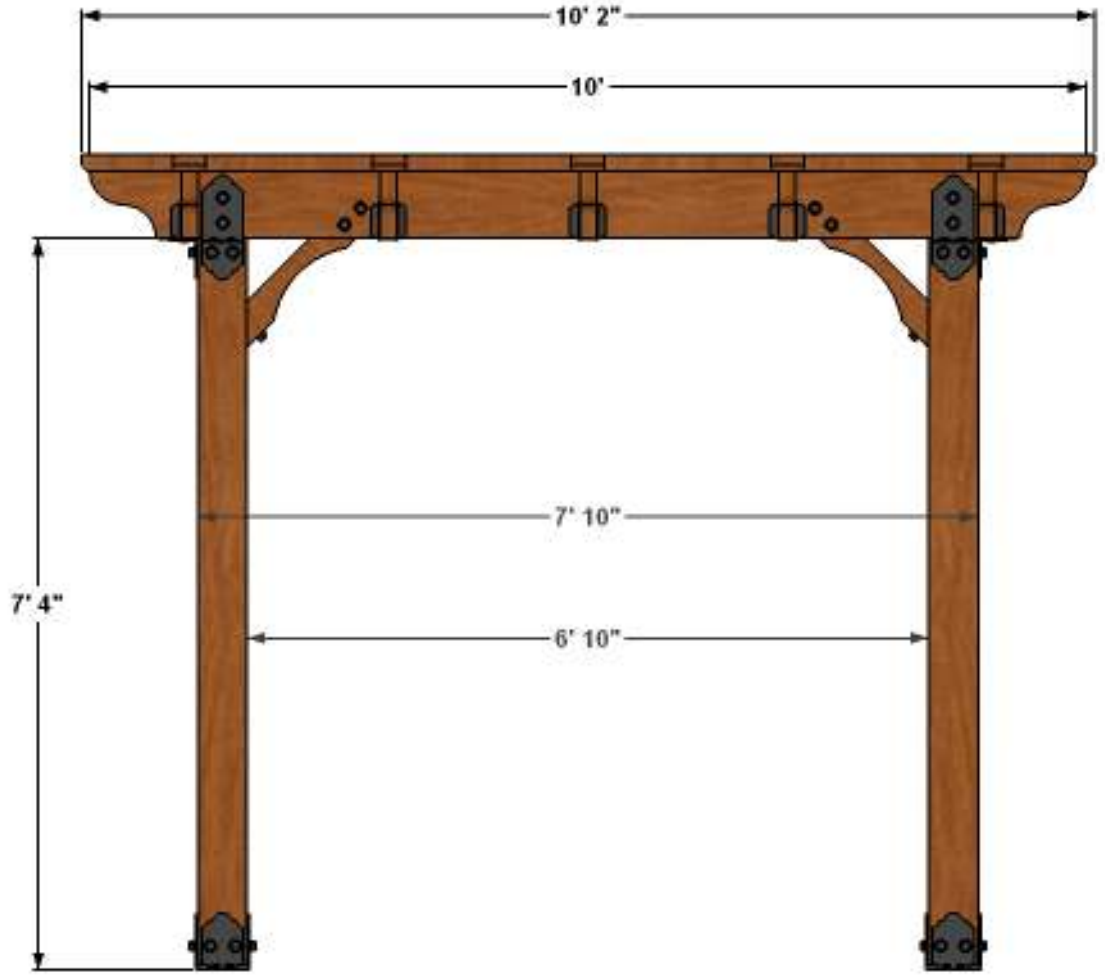
10x10 DIY Vineyard Pergola

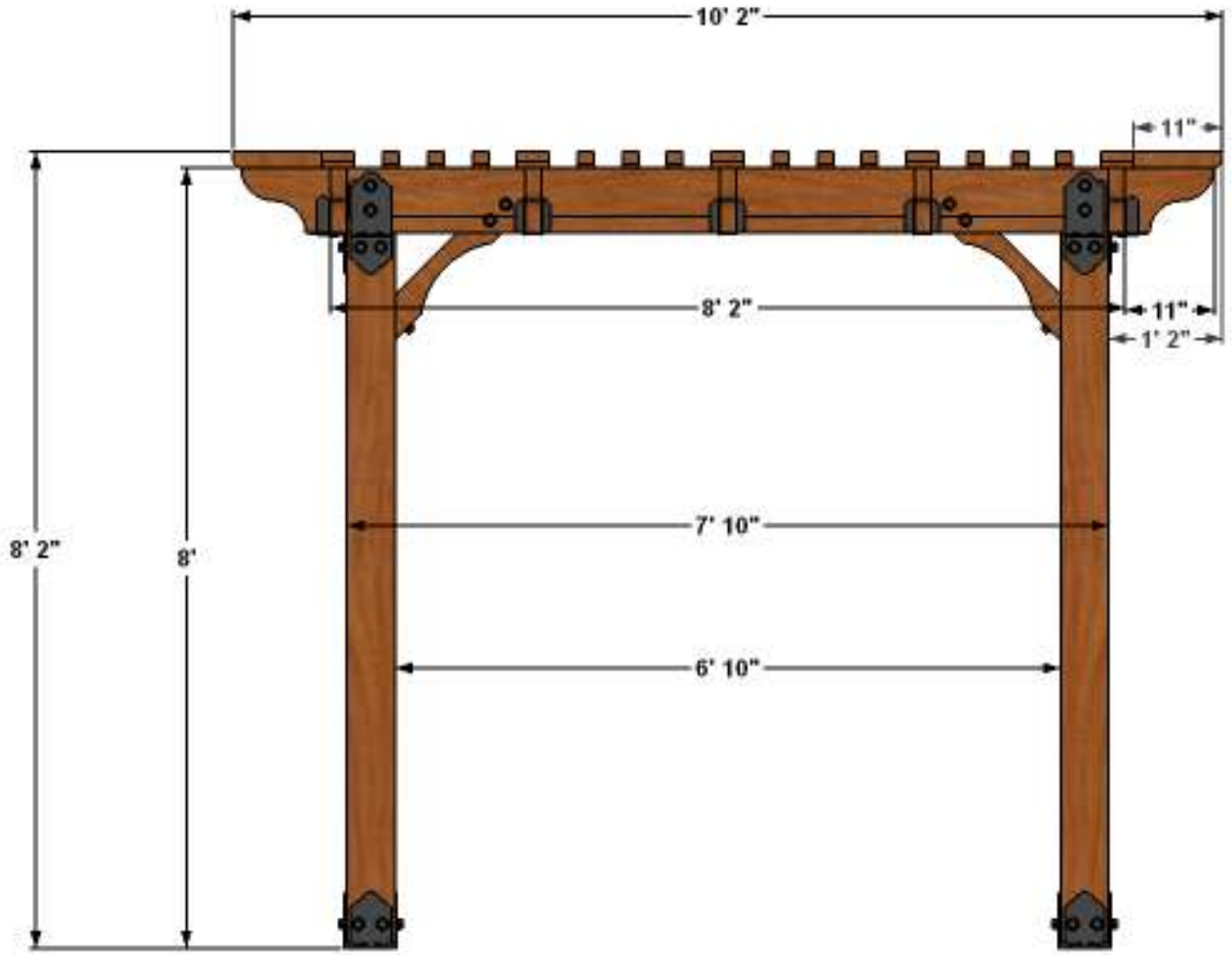
100% western red cedar
-6x6 post connected to existing
concrete slab with
OWT 6" Post Anchor Kit
-2x8 single headers
attached with OWT Offset
6" Post to Beam Bracket
-4x4 45 degree curved brackets
-2x6 joist 24" o.c. attached with
OWT Flush Joist Hangers
-2x8 faux rafter tails 24"o.c.
attached with OWT
Tab Joist Hanger
-2x4 stripping and rafter caps 24"o.c.
-2x2 stripping 5.5" o.c.



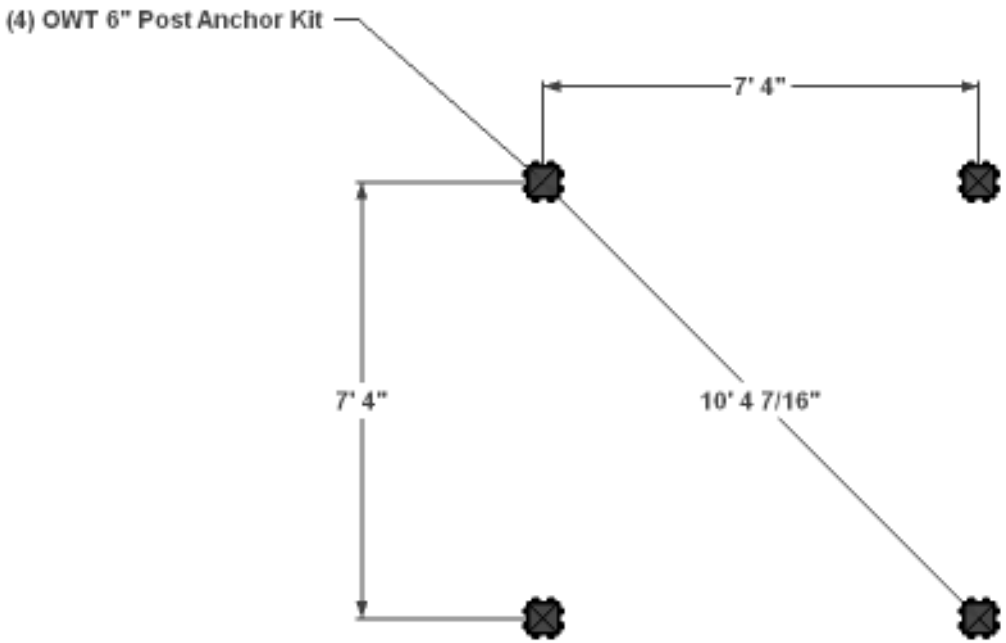
PLAN VIEW



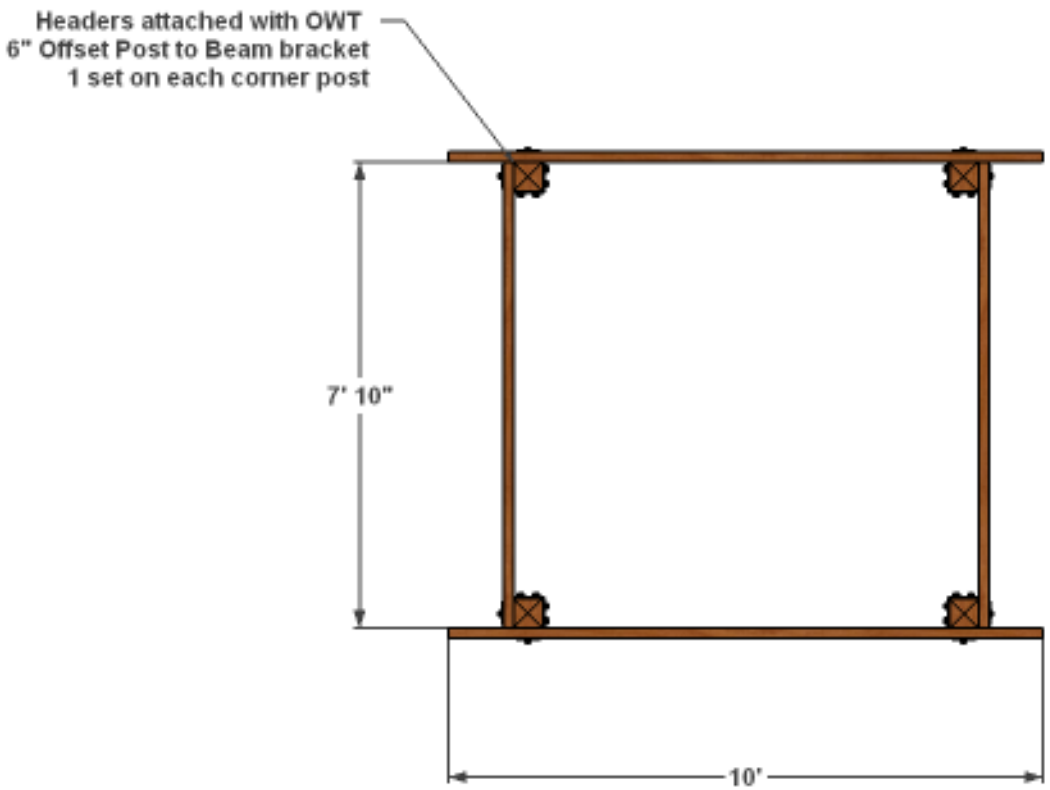
FRONT ELEVATION



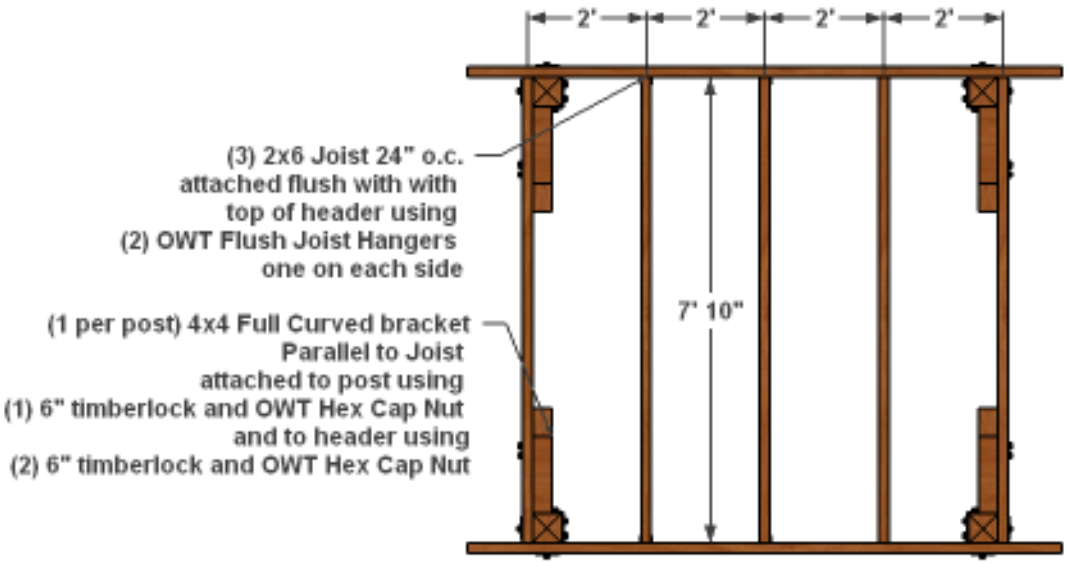
SIDE ELEVATION



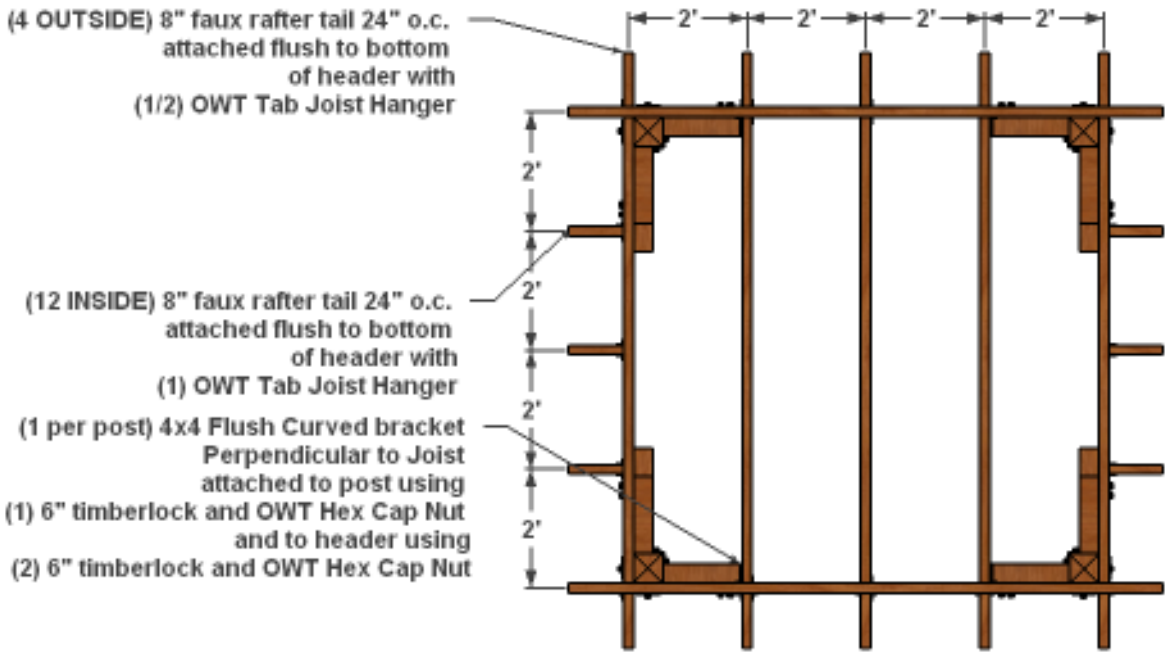
STEP ONE


Headers attached with OWT
6" Offset Post to Beam bracket
1 set on each corner post
7' 10"
10'

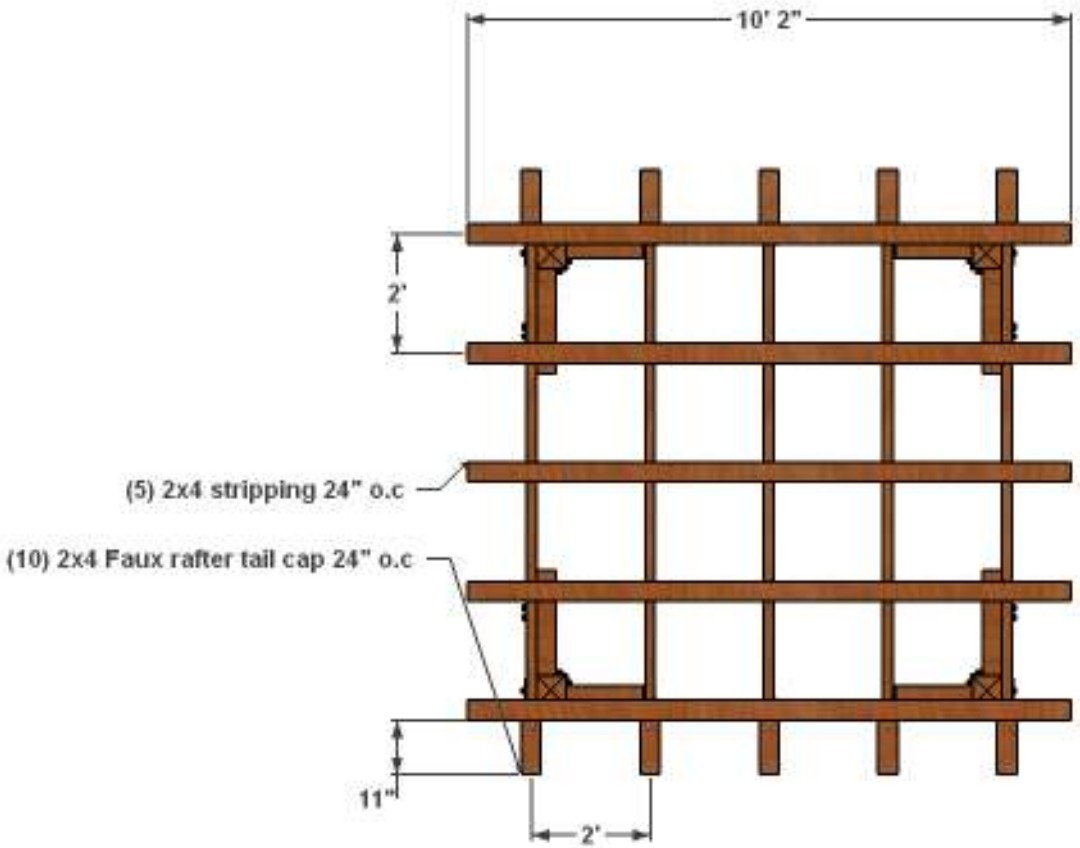
STEP TWO


2'
2'
2'
2'
(3) 2x6 Joist 24" o.c.
attached flush with with
top of header using
(2) OWT Flush Joist Hangers
one on each side
(1 per post) 4x4 Full Curved bracket
Parallel to Joist
attached to post using
(1) 6" timberlock and OWT Hex Cap Nut
and to header using
(2) 6" timberlock and OWT Hex Cap Nut
7' 10"

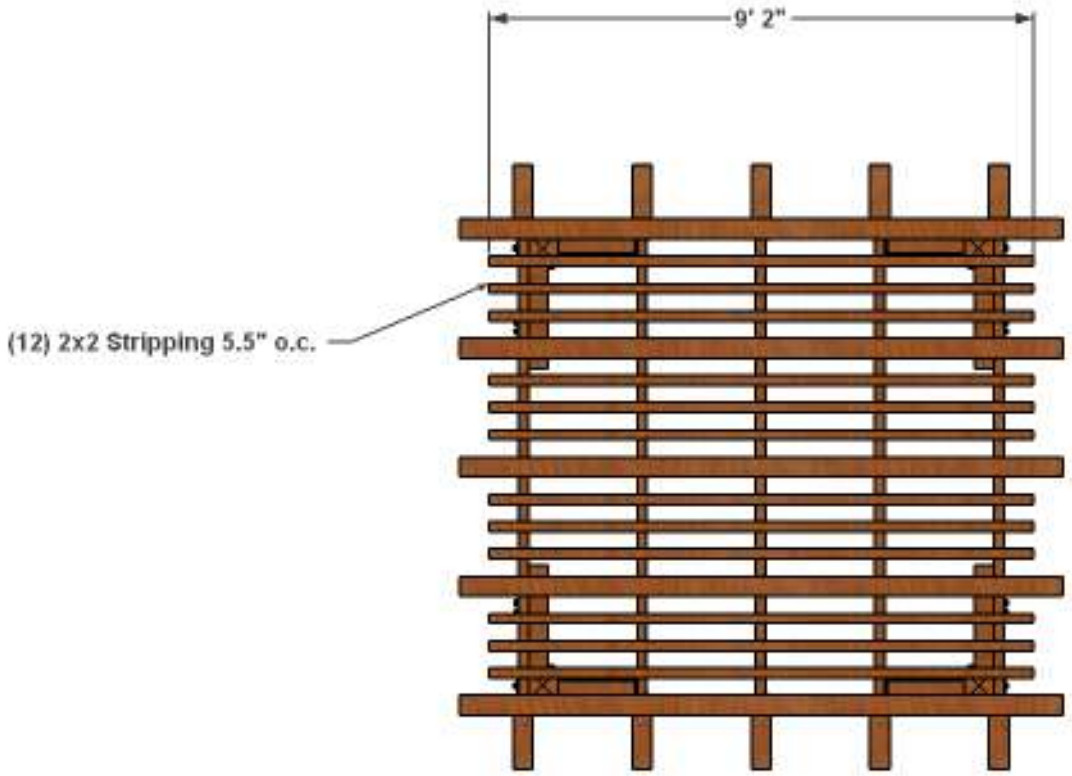
STEP THREE


(4 OUTSIDE) 8" faux rafter tail 24" o.c.
attached flush to bottom
of header with
(1/2) OWT Tab Joist Hanger
(12 INSIDE) 8" faux rafter tail 24" o.c.
attached flush to bottom
of header with
(1) OWT Tab Joist Hanger
(1 per post) 4x4 Flush Curved bracket
Perpendicular to Joist
attached to post using
(1) 6" timberlock and OWT Hex Cap Nut
and to header using
(2) 6" timberlock and OWT Hex Cap Nut
2'
2'
2'
2'
2'
2'
2'
2'

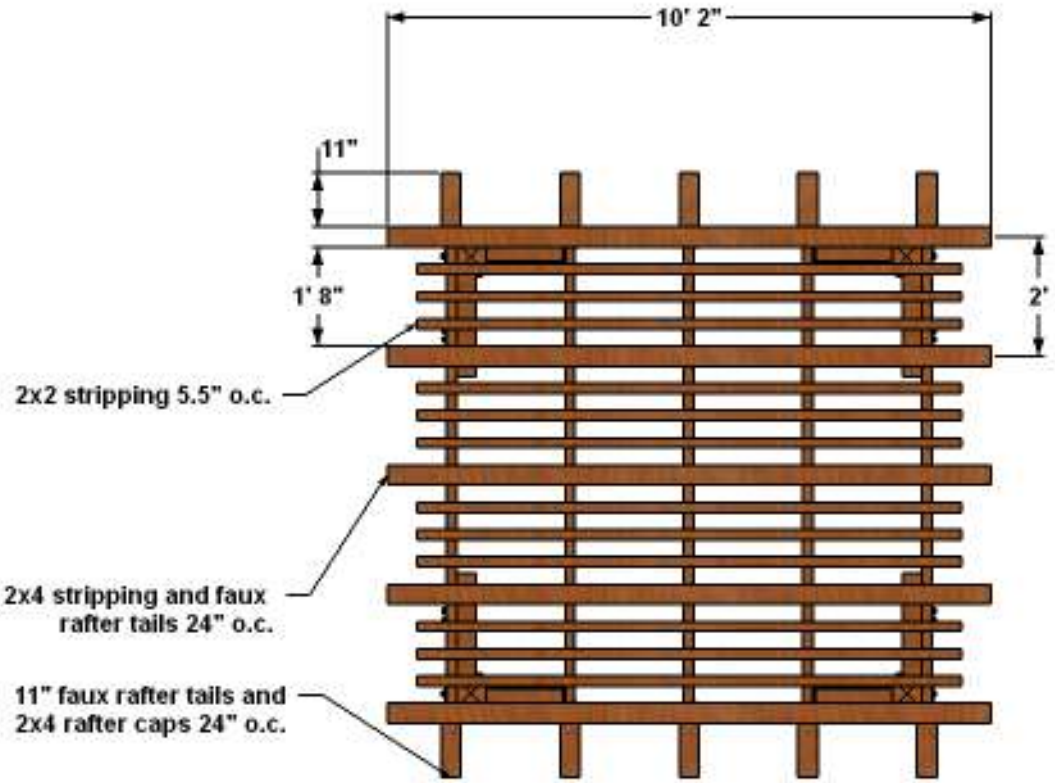
STEP FOUR


10' 2"
2'
(5) 2x4 stripping 24" o.c
(10) 2x4 Faux rafter tail cap 24" o.c
11"
2'

STEP FIVE



STEP SIX


10' 2"
11"
1' 8"
2'
2x2 stripping 5.5" o.c.
2x4 stripping and faux rafter tails 24" o.c.
11" faux rafter tails and 2x4 rafter caps 24" o.c.

TOP VIEW